

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Abbott, et al.

Group Art Unit:

Serial No.: 10/629,027

Examiner:

Filed: July 28, 2003

Docket: THERMO.1013

For: SHAPED HEATERS AND USES THEREOF

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with the above-entitled matter, Applicants hereby attach U.S. Patent Office Form PTO-1449, including copies of the references listed thereon. The claims in the present application are believed to be patentably distinguishable over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(a). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(a) relies on a materiality concept which depends on subjectivity.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

Respectfully submitted,

Reg. No. 48,173

Customer No. 26,812

Peter A. Nieves
Attorney for Applicant
HAYES SOLOWAY P.C.
175 Canal Street, 4th Floor
Manchester, NH 03101-2335
Tel: 603-668-1400

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on March 11, 2004, at Manchester, New Hampshire.

By: Stephanie D. Capone

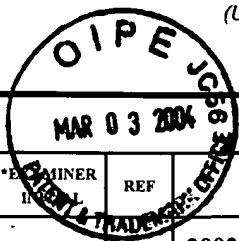
HAYES SOLOWAY P.C.

130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

THERMO.1013

Application Number

10/743,677

Applicant(s)

Abbott, et al

Filing Date

December 22, 2003

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2002/0038799	04/04/02	Laken, et al.	219	476	02/12/01
		2,799,764	07/16/57	Chandler			10/15/53
		3,425,864	02/04/69	Morey			07/21/65
		3,697,728	10/10/72	Stirzenbecher	219	548	12/4/69
		3,922,386	11/25/75	Ros	427	96	01/26/73
		4,032,751	06/28/77	Youtsey, et al.	219	538	04/21/75
		4,039,777	08/02/77	Baker	219	439	06/23/76
		4,280,046	07/21/81	Shimotori	219	544	11/30/79
		4,310,745	01/12/82	Bender	219	213	11/26/79
		4,377,618	3/22/83	Ikeda, et al.	428	323	07/22/81
		4,388,522	06/14/83	Boaz	219	522	02/08/82

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 96/11288	04/18/96	PCT	C23C	14/08	✓	
		WO 96/37763	11/28/96	PCT	G01J	05/00	✓	
		WO 97/03236	01/30/97	PCT	C30B	31/12		✓
		WO 97/33300	09/12/97	PCT	H01J	37/32	✓	
		WO 98/51127	11/12/98	PCT	H05B	03/26	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Rapid Thermal Processing" by Chad Fasca; March 1998; pages 35, 40, and 58

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

THERMO.1013

Application Number

10/743,677

Applicant(s)

Abbott, et al

Filing Date

December 22, 2003

Group Art Unit

MAR 03 2004

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,469,936	09/04/84	Hunter	219	543	04/22/83
		4,485,297	11/27/84	Grise, et al.	219	528	08/21/81
		4,498,071	02/05/85	Plough, Jr. et al.	338	308	09/30/82
		4,532,164	07/30/85	Claunch, II et al.	428	36	09/15/83
		4,679,165	09/29/87	Ishiguro et al.	338	34	10/23/85
		4,713,350	12/15/87	Schittenhelm, et al.	219	543	09/26/86
		4,720,716	01/19/88	Ikedo et al.	346	140	11/24/86
		4,724,305	02/09/88	Iimura et al.	219	469	03/07/86
		4,725,710	02/16/88	Ramus, et al.	219	203	11/07/85
		4,733,055	03/22/88	Cunningham	219	540	08/25/86
		4,743,940	05/10/88	Nagasaka, et al	355	3 FU	09/15/87

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 00/29635	05/25/00	PCT	C23C	4/12	✓	
		WO 00/70915	11/23/00	PCT	H05B	1/02	✓	
		WO 01/43506	06/14/01	PCT	H05B	3/14	✓	
		GB924497	04/24/63	Great Britain -Abstract Only	C22C	32/00	✓	
		GB2099670	12/08/82	Great Britain -Abstract Only	H05B	3/14	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) THERMO.1013		Application Number 10/743,677	
				Applicant(s) Abbott, et al			
				Filing Date December 22, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,776,070	10/11/88	Shibata, et al.	29	130	03/10/87
		4,808,490	02/28/89	Tsukuda, et al.	428	699	10/29/86
		4,813,372	03/21/89	Kogure, et al.	118	60	05/07/87
		4,857,689	08/15/89	Lee	219	10.71	03/23/88
		4,860,434	08/23/89	Louison, et al.	29	611	04/07/88
		4,868,899	09/19/89	Bard, et al.	219	543	02/16/88
		4,870,388	09/26/89	Sugata, et al.	338	308	03/04/87
		4,889,974	12/26/89	Auding, et al.	219	543	02/22/88
		4,970,376	11/13/90	Mellor, et al.	219	543	12/22/87
		5,004,893	04/02/91	Westover	219	505	11/07/88
		5,039,840	08/13/91	Boardman	219	270	01/10/90

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		DE3325204	01/24/85	Germany (Abstract Only)	H05B	3/26	✓	

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

THERMO.1013

Application Number

10/743,697

Applicant(s)

Abbott, et al.

Filing Date

December 22, 2003

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,060,354	10/29/91	Chizinsky	29	25.02	07/02/90
		5,213,848	05/25/93	Zurecki, et al.	427	449	07/09/91
		5,252,807	10/12/93	Chizinsky	219	390	10/23/91
		5,254,359	10/19/93	Zurecki, et al.	477	449	06/14/91
		5,260,014	11/09/93	Holton, et al.	264	134	06/13/91
		5,269,178	03/22/94	Sugihara, et al.	264	130	01/07/92
		5,324,920	06/28/94	Nakao	219	542	10/18/91
		5,364,522	11/15/94	Wang	205	50	03/22/93
		5,359,179	10/25/94	Desloge, et al.	219	535	12/29/92
		5,395,606	03/07/95	Xiao, et al.	423	411	11/03/93

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) THERMO.1013	Application Number 10/743,677
	Applicant(s) Abbott, et al.	
	Filing Date December 22, 2003	Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,408,070	04/18/95	Hyllberg	219	469	06/02/93
		5,408,574	04/18/95	Deevi, et al.	392	404	03/23/93
		5,418,885	05/23/95	Hauser, et al.	392	416	12/29/92
		5,420,395	05/30/95	Hyllberg, et al.	219	470	06/28/93
		5,437,547	08/01/95	Holton, et al.	425	548	11/01/93
		5,444,217	08/22/95	Moore, et al.	219	405	01/21/93
		5,498,855	03/12/96	Deevi, et al.	219	553	08/16/94
		5,504,307	04/02/96	Hayashi, et al.	219	543	06/02/94
		5,530,225	06/25/96	Hajaligol, et al.	219	535	11/02/94
		5,534,231	07/09/96	Savas	216	67	01/17/95
		5,595,241	01/21/97	Jelinek	165	80.1	10/07/94

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) THERMO.1013		Application Number 10/743,677	
				Applicant(s) Abbott, et al.			
				Filing Date December 22, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,600,414	02/04/97	Hyllberg	399	176	03/13/95
		5,616,263	04/01/97	Hyllberg	219	469	04/01/97
		5,616,266	04/01/97	Cooper	219	543	07/29/94
		5,624,591	04/29/97	Di Trapani	219	522	09/12/95
		5,643,483	07/01/97	Kubota, et al.	219	543	03/08/95
		5,643,839	07/01/97	Takagi	437	247	01/25/95
		5,646,482	07/08/97	Suzuki, et al.	313	582	05/30/95
		5,665,262	09/09/97	Hajaligol, et al.	219	553	01/09/95
		5,667,712	09/16/97	Sutorius, et al.	219	535	02/16/96
		5,714,738	02/03/98	Hauschulz, et al.	219	535	07/10/95
		5,724,187	03/03/98	Varaprasad, et al.	359	608	04/27/95

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

THERMO.1013

Application Number

10/743,677

Applicant(s)

Abbott, et al.

Filing Date

December 22, 2003

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,753,891	05/19/98	Iwata, et al.	219	390	08/31/95
		5,822,675	10/13/98	Paquet, et al.	428	561	02/12/97
		5,841,111	11/24/98	Shea, et al.	219	504	12/19/96
		5,939,151	08/17/99	Prichard, et al.	427	576	10/23/97
		6,074,194	06/13/00	McHugh	425	447	02/13/98
		6,258,416	07/10/01	Seitz	427	449	
		6,433,317	08/13/02	Arx, et al.	219	468.1	04/07/00
		5,322,075	06/21/94	Deevi, et al.	131	194	09/10/92
		3,968,347	07/06/76	Isoard	219	530	02/07/75

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.